Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 21 May 2021 until 23:59 on Saturday 22 May 2021

Forecast Issued on Friday 21 May 2021 at 02:39

Confidence: Very high for conditions to remain unsettled through the weekend and into the first part of next week. Moderate confidence for the details and timings of the band of rain on Sunday. Moderate for a gradual settling down in the weather from the middle of next week with drier conditions – though still on the cool side for May.
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Headline for Friday 21 May 2021: Heavy rain, hill fog, feeling cold in strong to gale force winds.

Mountain weather hazards on Friday 21 May 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** High Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Light rain	Mist
Precipitation probability					
80%	80%	80%	70%	70%	40%

Forecast for Friday 21 May 2021

Weather: Overcast for much of the day with periods of heavy rain, and widespread low cloud shrouding hills. Some cloud breaks may develop later in the day. It will feel cold in strong south-westerly winds, sometimes gusting to gale force over exposed peaks and ridges, veering north-westerly later and easing.

Chance of cloud free mountain/hill tops above 600m: Zero to 10 percent through the day, perhaps 30 percent for a time during the evening as cloud breaks develop.

Visibility: Moderate to poor in heavy rain in valleys with nearby hills obscured. Very poor at altitude with widespread low cloud cover down to 600m at first, but lowering to 400m during the day.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Friday 21 May 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/39 SW	24/32 SW	22/30 SW	18/24 W	15/20 NW	14/20 NW	16/23 N
300	25/35 S	20/30 SW	19/27 SW	16/23 W	11/18 W	11/17 NW	12/18 NW
Valley	15/33 S	13/26 SW	12/25 SW	11/23 W	8/17 NW	7/17 NW	9/18 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/-0	6/1	7/2	7/3	7/3	6/2	4/-0
300	8/3	8/4	9/5	10/6	9/7	8/6	7/4
Valley	8/5	9/6	9/6	10/8	10/8	9/7	7/5
Freezing Level*	1500m	1600m	1800m	1700m	1700m	1600m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold in the strong to gale force winds, gusting to 50 mph at times during the morning. Wind likely 10mph stronger than shown at 600m across highest summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 21 May 2021	N/A	N/A	N/A

Forecast for Saturday 22 May 2021

Weather: Rain will tend to clear during the early hours with some cloud breaks. Some sunny spells are expected during the afternoon with a few showers developing, then mainly dry with variable cloud into the evening.

Maximum wind: Moderate or fresh north-westerly winds, locally strong, gusting to 35 mph during the day.

Chance of cloud free mountain/hill tops above 600m: 30 percent in the early hours, becoming 80 percent during the day.

Visibility: Mainly good or very good with distant hills visible. Perhaps moderate at first in early mist, and poor in any early fog on hills, with occasional cloud down to 500-600m lifting off the summits during the morning. Locally moderate in showers.

Temperature: **Valleys:** 4 deg C becoming 12 deg C.
At 600m: 2 deg C becoming 6 deg C.
Freezing level: Slightly above the peaks at first, then well above during the day.

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